

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
Telephone: (801) 538-5340  
Fax: (801) 359-3940

ANNUAL REPORT OF MINING OPERATIONS

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1953, as amended, and the General Rules as promulgated under the Utah Minerals Regulatory Program. An operator conducting mining operations under a Notice of Intention must file an annual operations and progress report (FORM MR-AR) with the Division.

I. GENERAL INFORMATION

1. Report Time Period: From (mo./yr.) 1/90 To (mo./yr.) 12/90
2. DOGM File Number (original notice): M 047 / 013
3. Mine Name: Ziegler Chemical & Mineral Corp.
4. Legal Description (Location of Lands Affected): T95-R246  
1/4, 1/4, Section \_\_\_\_\_, Township \_\_\_\_\_, Range \_\_\_\_\_  
1/4, 1/4, Section \_\_\_\_\_, Township \_\_\_\_\_, Range \_\_\_\_\_  
1/4, 1/4, Section \_\_\_\_\_, Township \_\_\_\_\_, Range \_\_\_\_\_
5. Mineral(s) Mined: Gilsonite
6. Name of Operator or Company: Ziegler Chemical & Mineral Corp.
7. Permanent Address: Star Route, Little Bonanza  
Vernal, Utah 84078

8. Company Representative (or designated operator):

Name: Norman Haslem  
Title: Mine Superintendent  
Address: Star Route, Little Bonanza, Vernal, Utah 84078  
Phone: (801) 789-3593

☐ Please check if any of the above information has changed since previous year.

II. MINING AND RECLAMATION

1. Was the mine active during the past year? Yes ☒ No ☐

2. If active, how much ore or mineral was mined? 19,250 tons

3. Briefly describe any new or additional surface disturbances that occurred during the past year. This description should include the type of work performed, volume of material moved, and the acreage affected.

The areas currently being mined have been in production for several years, therefore, no new surface disturbance occurred during the past year.

4. Briefly describe the reclamation work performed during the past year. This description should include acreage reclaimed, methods employed, and an evaluation of the results.

We do not have any mine or stock pile area that are not needed for current operations. We did fence a mile of very old mining during the year, using steel posts every twelve feet, braced corners and long spans, five strands of barbed wire to a forty-two inch height, posted with warning signs.

5. What was the total unreclaimed acreage at years end? 10 Acres (8 Sites)

6. Briefly summarize mining and reclamation planned for the upcoming year.

The areas being currently mined or used for stock piling  
are needed and will continue to be active for several  
years. We anticipate mining to continue at about the  
same rate as the previous years. Therefore, there will  
be no new surface disturbance or any reclamation of presently  
used acreage.

**NOTE:**

Section III., "Additional Information" applies only to large mining operations.

**III. ADDITIONAL INFORMATION**

1. An updated surface facilities map should be attached if there have been significant changes since the previous map was submitted.
2. Any monitoring results or other reports that are required under the terms of the approved notice of intention should also be attached.

**IV. SIGNATURE REQUIREMENT**

I hereby certify that the foregoing is true and correct.

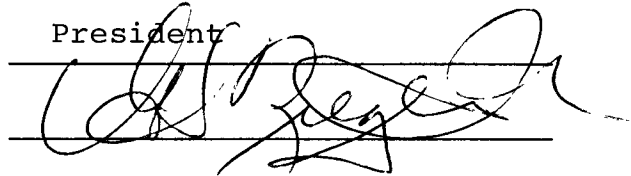
Name (Typed or Print):

Gordon S. Ziegler, Jr.

Title of Operator:

President

Signature of Operator:



Date: 1/15/91

jb  
MNMR-AR



# ZIEGLER CHEMICAL & MINERAL CORP.

100 JERICO QUADRANGLE, JERICO, NEW YORK 11753

CABLE ADDRESS: "ZIECOMP JERICHONY" • TELEX: 96-1387 • TEL: 516 681-9600 • FAX: 516 681-9604

January 15, 1991

RECEIVED  
JAN 18 1991

DIVISION OF  
OIL, GAS & MINING

Mr. D. Wayne Hedberg  
Permit Supervisor  
State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

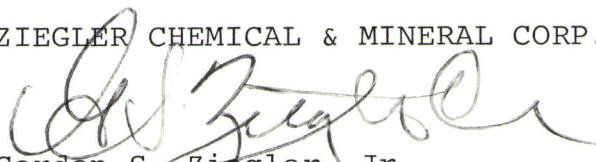
Dear Mr. Hedberg:

Re: Annual Report  
for the Year 1990

In accordance with your letter dated December 28, 1990,  
enclosed is the annual report for Mine No. M/047/013.

Yours truly,

ZIEGLER CHEMICAL & MINERAL CORP.



Gordon S. Ziegler, Jr.  
President

GSZ:tsb  
Enclosure